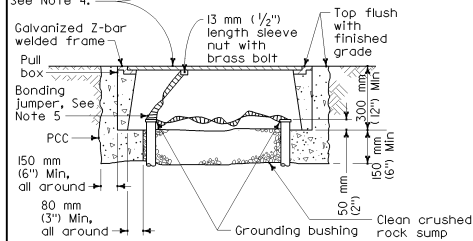


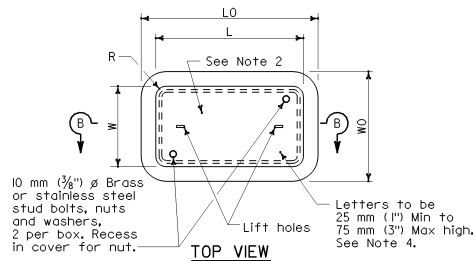
Reinforced 12 mm (1/2") Min steel plate cover, galvanized after fabrication, See Note 4.

TOP VIEW

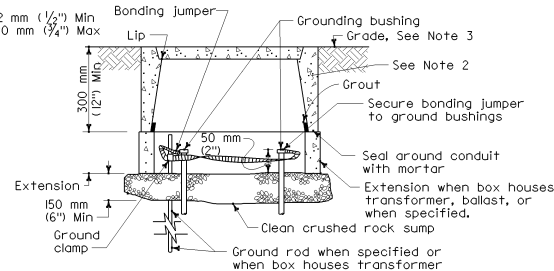


SECTION A-A

No. 3/2(T), No. 5(T) AND No. 6(T) TRAFFIC PULL BOX



TOP VIEW



SECTION B-B

INSTALLATION DETAILS

DIMENSION TABLE

Pull Box	CONCRETE BOX				NON-PCC BOX		CONCRETE OR NON-PCC COVERS					
	Minimum * Thickness	Minimum Depth Box and Extension	L0	W0	Minimum * Thickness	Minimum Depth Box and Extension	L **	W **	R	Edge Thickness	Edge Taper	
No. 3/2	25 mm (1")	No Extension	510 mm (20")	360 mm (14")	8 mm (3/4")	No Extension	390 mm (15 3/4")	260 mm (10 1/4")	30 mm (1 1/8")	45 mm (1 3/4")	3 mm (1/8")	
No. 5	25 mm (1")	560 mm (22")	710 mm (28")	460 mm (18")	8 mm (3/4")	510 mm (20")	590 mm (23 3/4")	350 mm (13 3/4")	32 mm (1 1/4")	50 mm (2")	3 mm (1/8")	
No. 6	40 mm (1 1/2")	600 mm (24")	910 mm (36")	580 mm (23")	10 mm (3/8")	510 mm (20")	780 mm (30 3/4")	450 mm (17 3/4")	32 mm (1 1/4")	50 mm (2")	3 mm (1/8")	

* Excluding conduit web

** Top dimension

DIMENSION TABLE

Pull Box	CONCRETE BOX						NON-PCC BOX		STEEL COVERS				
	Minimum * Thickness	Minimum Depth Box and Extension	L 0	W 0	L I	W I	Minimum * Thickness	Minimum Depth Box and Extension	L **	W **	R	Edge Thickness	Edge Taper
No. 3/2(T)	40 mm (1½")	300 mm (12")	530 mm (20⅞") ±	370 mm (14½") ±	270 mm ± 25 mm (10⅝" ± 1")	430 mm ± 25 mm (17" ± 1")	Does Not Apply		510 mm (20") ±	350 mm (13¾") ±	0	13 mm (½")	None
No. 5 (T)	45 mm (1¾")	300 mm (12")	750 mm (29½") ±	480 mm (19") ±	330 mm ± 25 mm (13" ± 1")	600 mm ± 25 mm (23¾" ± 1")	Does Not Apply		690 mm (27") ±	410 mm (16") ±	0	13 mm (½")	None
No. 6 (T)	50 mm (2")	300 mm (12")	900 mm (35½") ±	600 mm (23¾") ±	470 mm ± 25 mm (17" ± 1")	760 mm ± 25 mm (30" ± 1")	Does Not Apply		840 mm (33") ±	510 mm (20") ±	0	13 mm (½")	None

* Excluding conduit web

** Top dimension

NOTES ON PULL BOXES

- Traffic pull box shall be provided with steel cover and special concrete footing. Steel cover shall have embossed non-skid pattern.
- Steel reinforcing shall be as regularly used in the standard products of the respective manufacturer.
- Top of pull boxed shall be flush with surrounding grade or top of adjacent curb, except that in unpaved areas where pull box is not immediately adjacent to and protected by a concrete foundation, pole or other protective construction, the box shall be placed with its top 30 mm (1 1/4") above surrounding grade. Where practicable, pull boxes shown in the vicinity of curbs shall be placed adjacent to the back of curb, and pull boxes shown adjacent to standards shall be placed on side of foundation facing away from traffic, unless otherwise noted. When pull box is installed in sidewalk area, the depth of the pull box shall be adjusted so that the top of the pull box is flushed with the top of the sidewalk.
- Pull box covers shall be marked as follows:
 - No. 3 1/2 pull box.
 - "SIGNAL" Traffic signal circuits with or without street and/or sign lighting circuits.
 - "ST LIGHTING" Street and/or sign lighting circuits where no voltage is above 600 V.
 - "SERVICE" Service circuits between service points and service disconnect.
 - "SPRINKLER-CONTR" Sprinkler control circuits, 50 V or less.
 - "CALTRANS" On all pull boxes, except pull boxes marked "SPRINKLER-CONTR".
 - "TELEPHONE" Telephone service.
 - No. 5, 6, 9 or 9A pull boxes
 - "TRAFFIC SIGNAL" Traffic signal circuits with or without street and/or sign lighting circuits.
 - "STREET LIGHTING" Street and/or sign lighting circuits where no voltage is above 600 V.
 - "STREET LIGHTING - HIGH VOLTAGE" Street and/or sign lighting circuits where voltage is above 600 V.
 - "SERVICE" Service circuits between service point and service disconnect.
 - "SPRINKLER-CONTROL" Sprinkler control circuits, 50 V or less.
 - "IRRIGATION" Circuits to irrigation controller 120 V or more.
 - "RAMP METER" Ramp meter circuits.
 - "COUNT STATION" Count and/or speed monitor circuits.
 - "COMMUNICATION" Communication circuits.
 - "CALTRANS" On all pull boxes, except pull boxes marked "SPRINKLER-CONTROL".
 - "TELEPHONE" Telephone service.
 - "TOS COMMUNICATIONS" TOS communications trunk line.
 - "TOS POWER" TOS power.
 - "TDC POWER" Telephone demarcation cabinet power.
 - "CCTV" Closed circuit television circuits.
 - "TMS" Traffic monitoring station circuits.
 - "CMS" Changeable message sign circuits.
 - "HAR" Highway advisory radio circuits.
- Bonding jumper for metal covers shall be 1 m (40") long, minimum.
- The nominal dimensions of the opening in which the cover sets shall be the same as the cover dimensions except the length and width dimensions shall be 3 mm (1/8") greater.
- All covers and boxes shall be interchangeable with California standard male and female gages. When interchanged with a standard male or female gage, the top surfaces shall be flushed within 3 mm (1/8"). Top outside edge of all concrete covers and pull boxes shall have a 6 mm (1/4") minimum radius.
- Pull boxes shall not be installed within the boundaries of new or existing curb ramps.
- Pull boxes for electroliners and signal standards shall be located at the same station 1.5 m (5') as the adjacent electroliner or signal standard. Pull boxes shall be placed adjacent to back of curb or edge of shoulder except where this is impractical, a box may be placed in another suitable protected and accessible location.

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS PULL BOX DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-8

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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